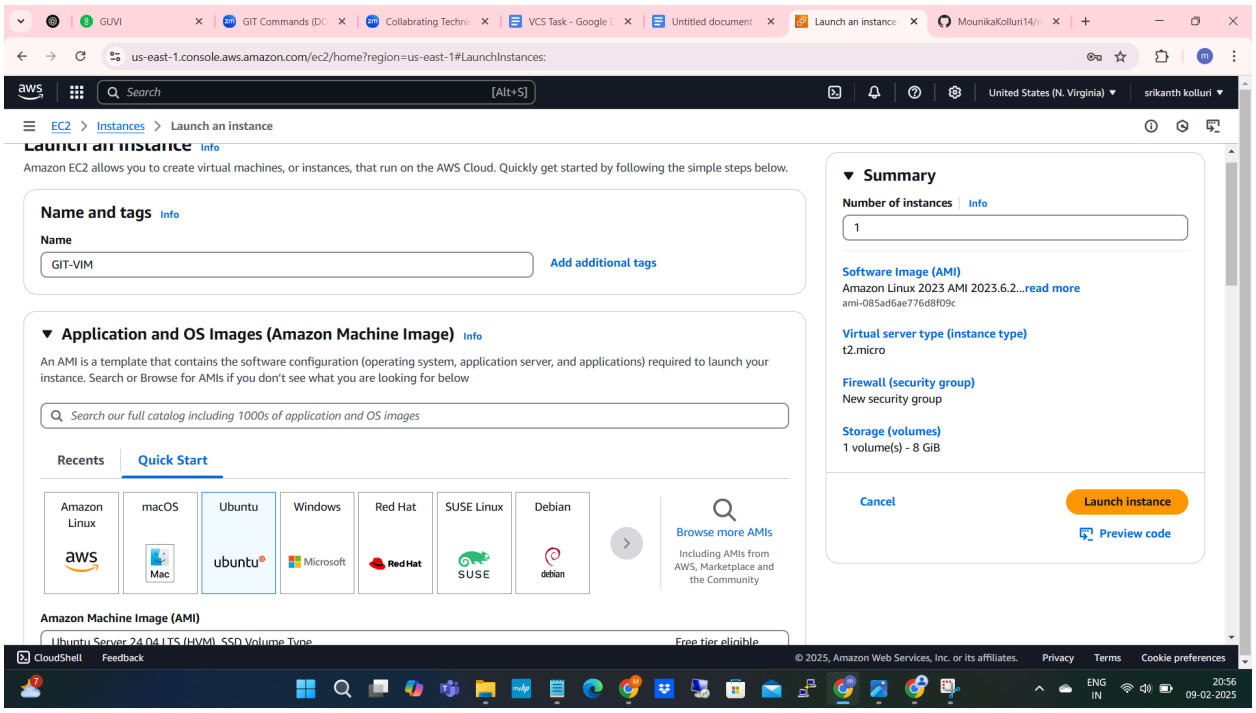
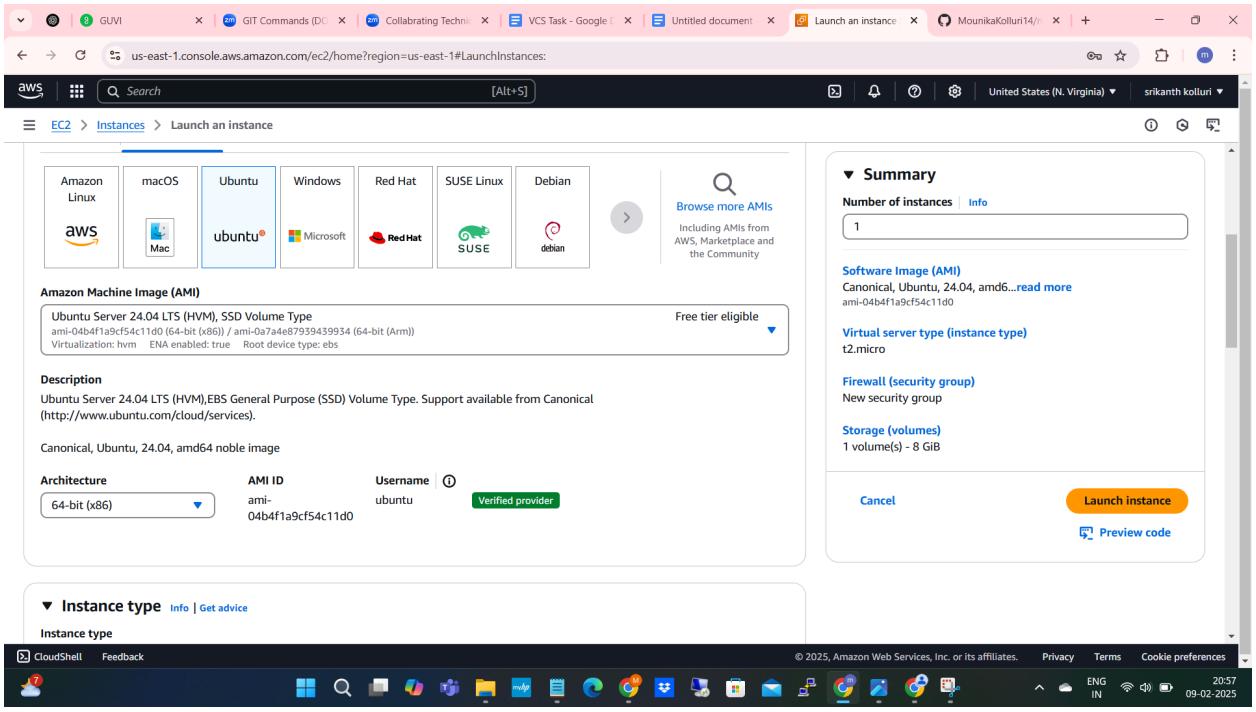
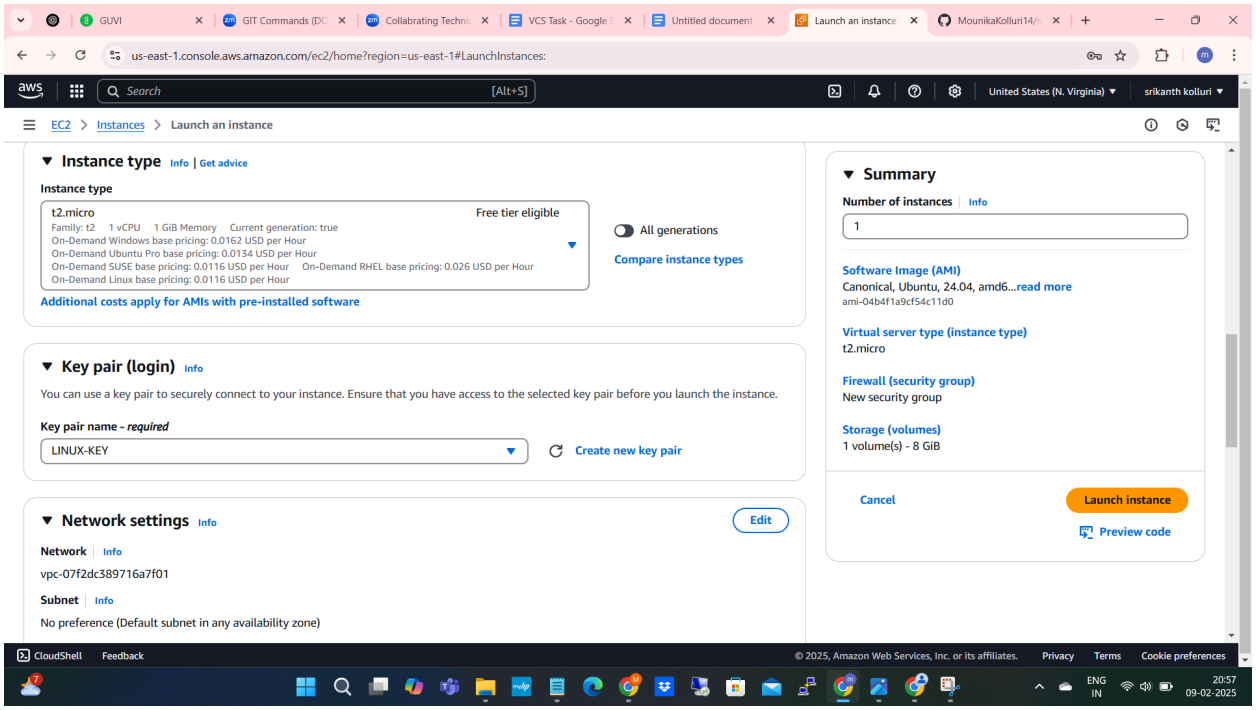
VCS Task

Creating EC2 instance:






us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Search [Alt+S]
United States (N. Virginia)
srikanth kolluri
EC2 > Instances > Launch an instance
Instance type Info | Get advice
Instance type
t2.micro Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour On-Demand RHEL base pricing: 0.026 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour
All generations
Compare instance types
Additional costs apply for AMIs with pre-installed software
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
LINUX-KEY
Create new key pair
Network settings Info
Edit
Network Info
vpc-07f2dc389716a7f01
Subnet Info
No preference (Default subnet in any availability zone)
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 24.04, amd6...read more
ami-04b4f1a9cf54c11d0
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Preview code
CloudShell Feedback
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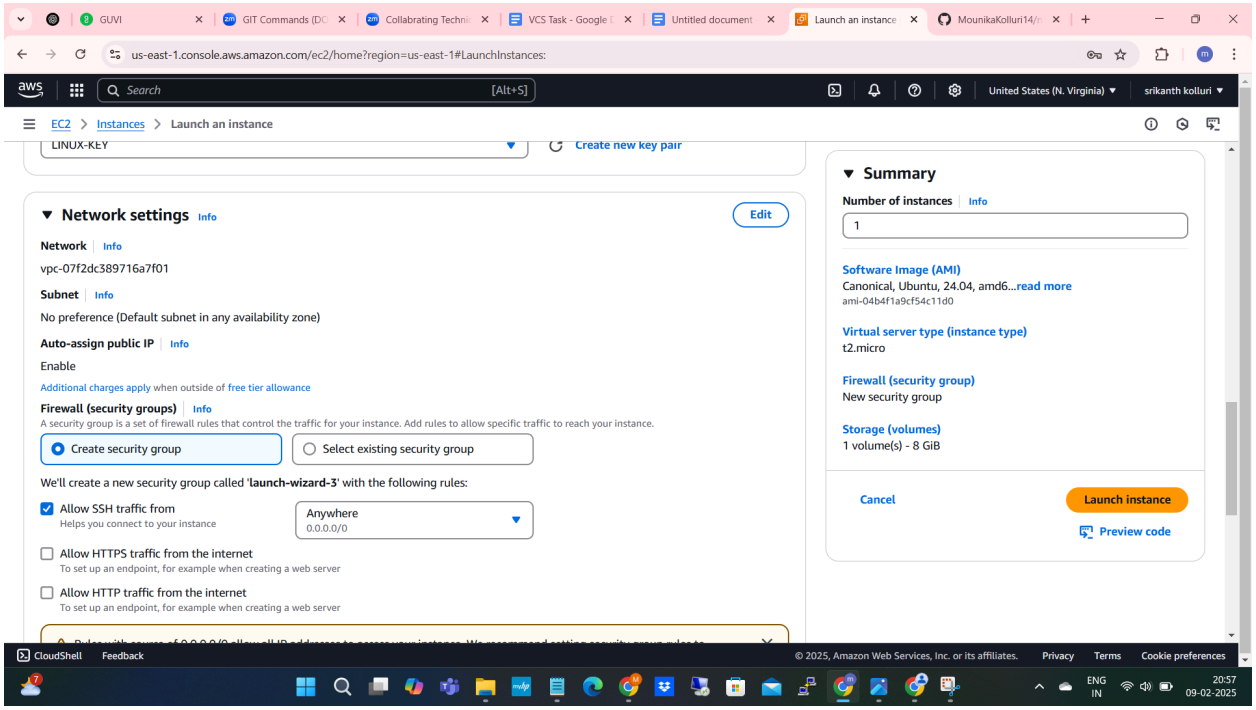
ENG IN
20:57
09-02-2025


us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Search [Alt+S]
United States (N. Virginia)
srikanth kolluri
EC2 > Instances > Launch an instance
LINUX-KEY
Create new key pair
Network settings Info
Edit
Network Info
vpc-07f2dc389716a7f01
Subnet Info
No preference (Default subnet in any availability zone)
Auto-assign public IP Info
Enable
Additional charges apply when outside of free tier allowance
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
We'll create a new security group called 'launch-wizard-3' with the following rules:
Allow SSH traffic from
Helps you connect to your instance
Anywhere
0.0.0.0/0
Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server
Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 24.04, amd6...read more
ami-04b4f1a9cf54c11d0
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Preview code
CloudShell Feedback
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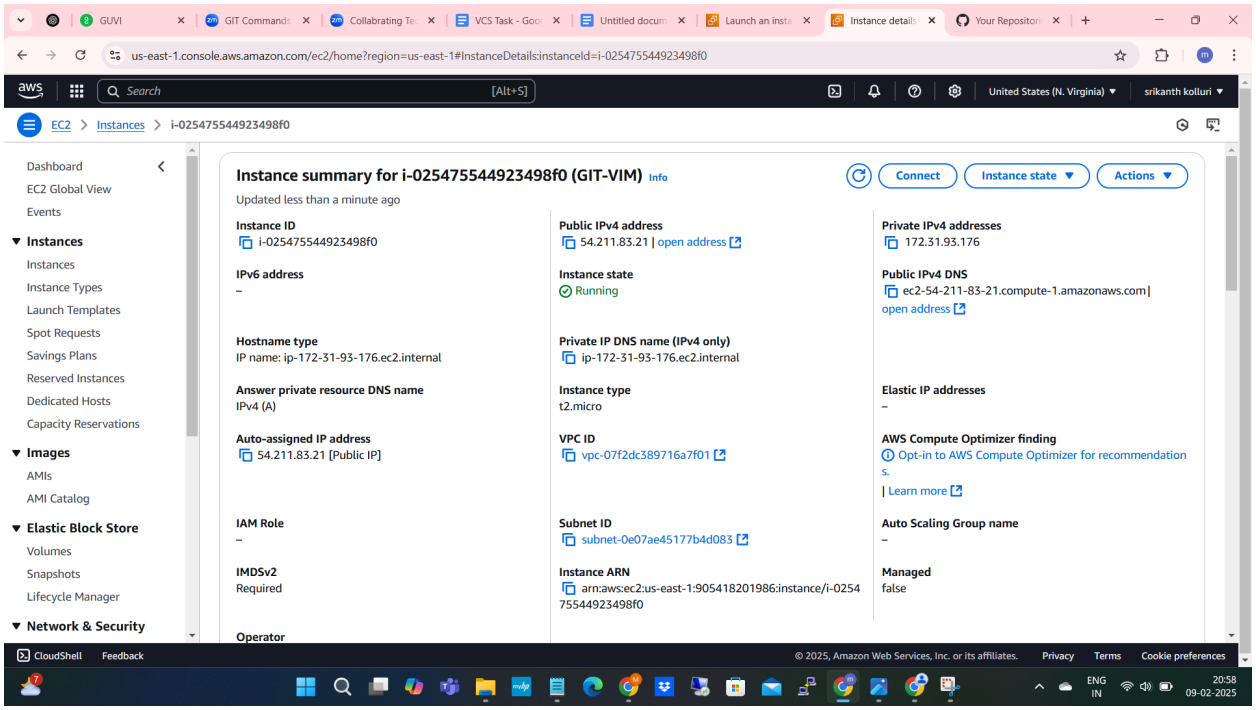
ENG IN
20:57
09-02-2025


us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#InstanceDetails:instanceId=i-0254755449234 98f0
Search [Alt+S]
United States (N. Virginia)
srikanth kolluri
EC2 > Instances > i-0254755449234 98f0
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Instance summary for i-0254755449234 98f0 (GIT-VIM) Info
Updated less than a minute ago
Connect
Instance state
Actions
Instance ID
i-0254755449234 98f0
Public IPv4 address
54.211.83.21 | open address
Private IPv4 addresses
172.31.93.176
IPv6 address
–
Instance state
Running
Public IPv4 DNS
ec2-54-211-83-21.compute-1.amazonaws.com | open address
Hostname type
IP name: ip-172-31-93-176.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-93-176.ec2.internal
Answer private resource DNS name
IPv4 (A)
Instance type
t2.micro
Elastic IP addresses
–
Auto-assigned IP address
54.211.83.21 [Public IP]
VPC ID
vpc-07f2dc389716a7f01
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations. | Learn more
IAM Role
–
Subnet ID
subnet-0e07ae45177b4d083
Auto Scaling Group name
–
IMDSv2
Required
Instance ARN
arn:aws:ec2:us-east-1:905418201986:instance/i-0254 7554923498f0
Managed
false
Operator
CloudShell
Feedback
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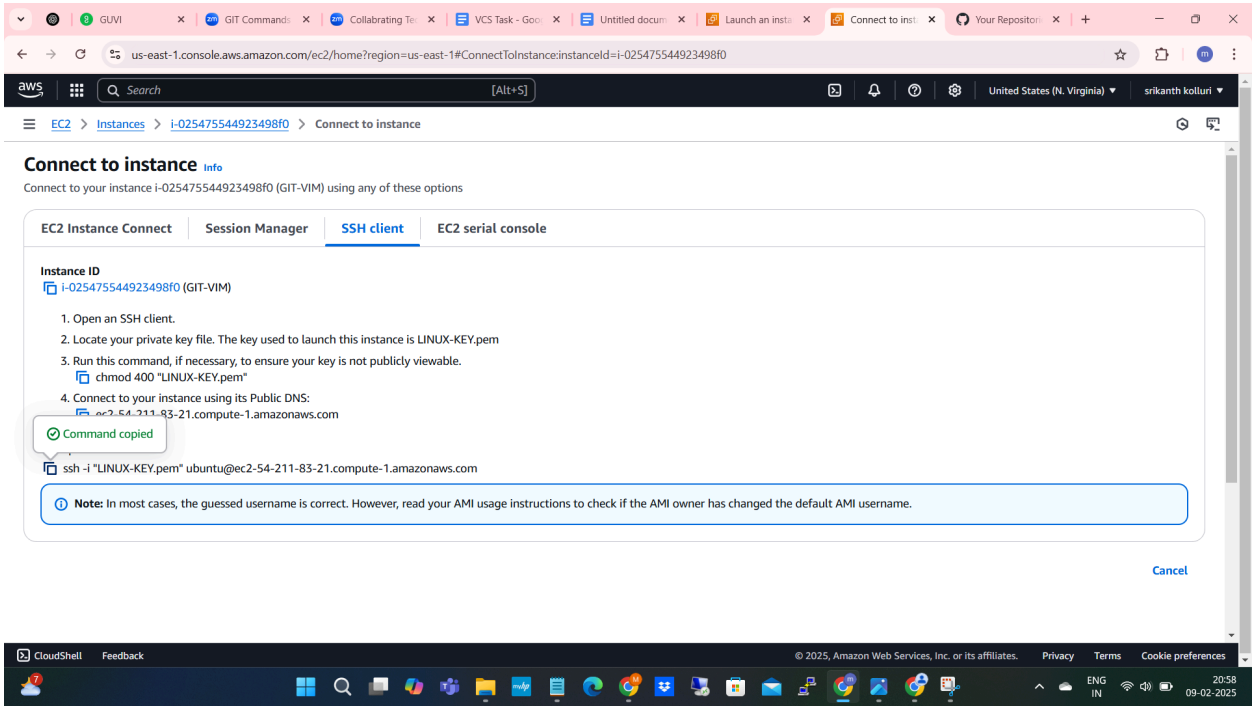
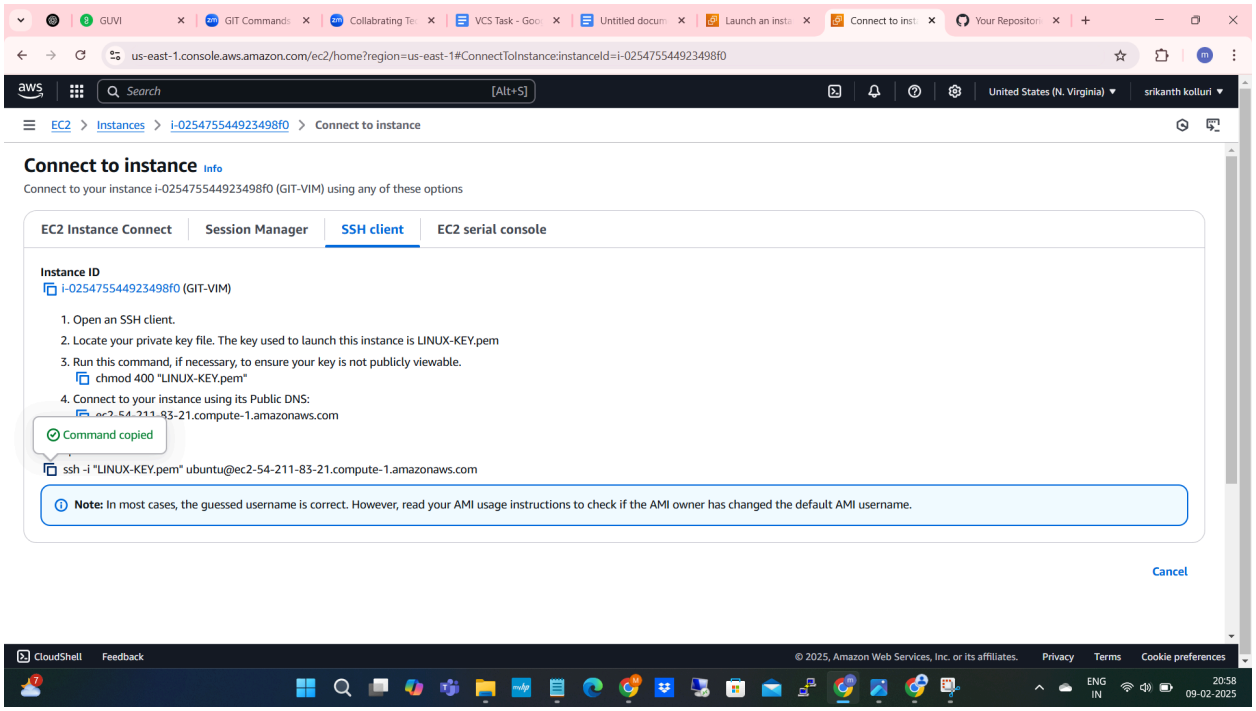
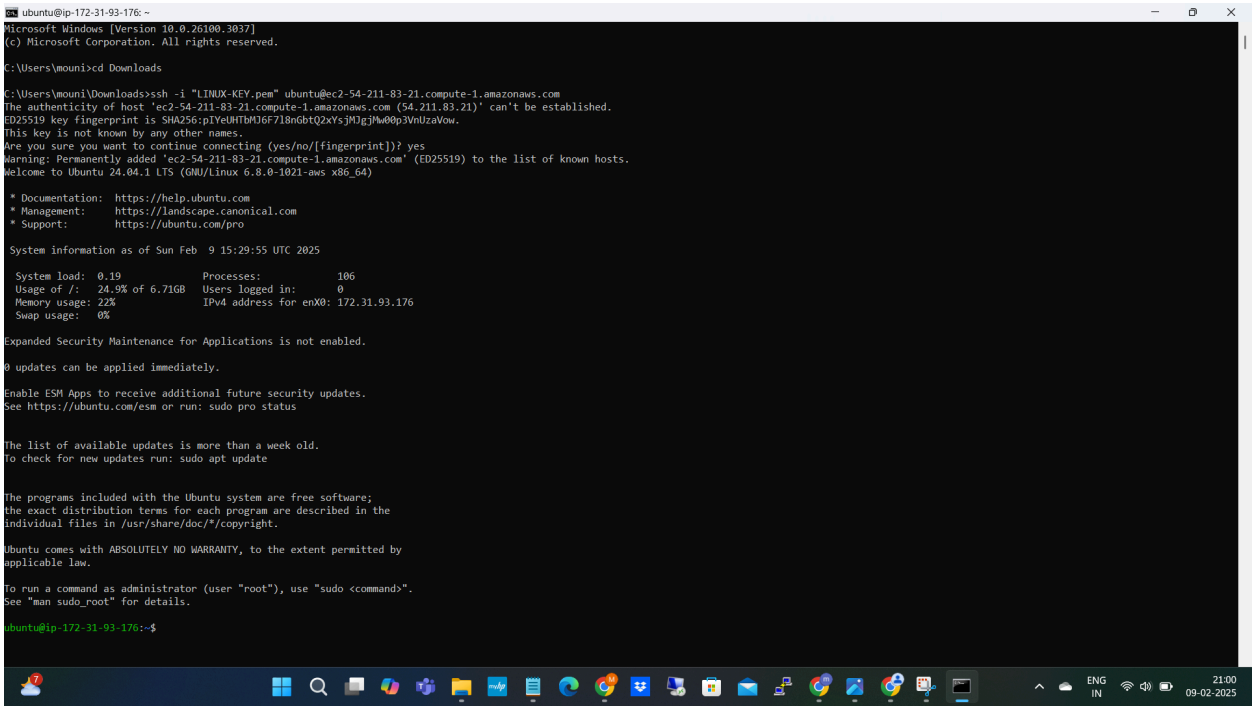
Privacy
Terms
Cookie preferences
ENG IN
20:58
09-02-2025

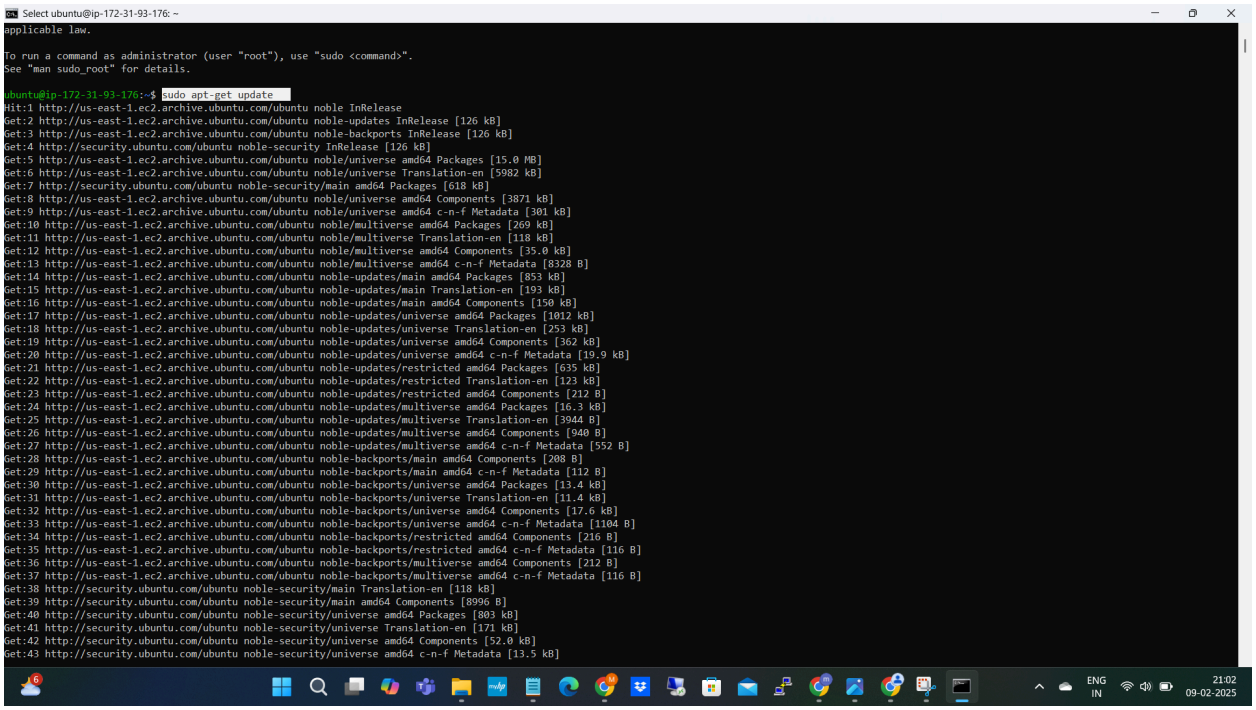

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-0254755449234 98f0
Search [Alt+S]
United States (N. Virginia)
srikanth kolluri
EC2 > Instances > i-0254755449234 98f0 > Connect to instance
Connect to instance Info
Connect to your instance i-0254755449234 98f0 (GIT-VIM) using any of these options
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-0254755449234 98f0 (GIT-VIM)
1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is LINUX-KEY.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
chmod 400 "LINUX-KEY.pem"
4. Connect to your instance using its Public DNS:
Command copied
ssh -i "LINUX-KEY.pem" ubuntu@ec2-54-211-83-21.compute-1.amazonaws.com
Note: In most cases, the guessed username is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.
Cancel
CloudShell
Feedback
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
ENG IN
20:58
09-02-2025

Connect to VM:

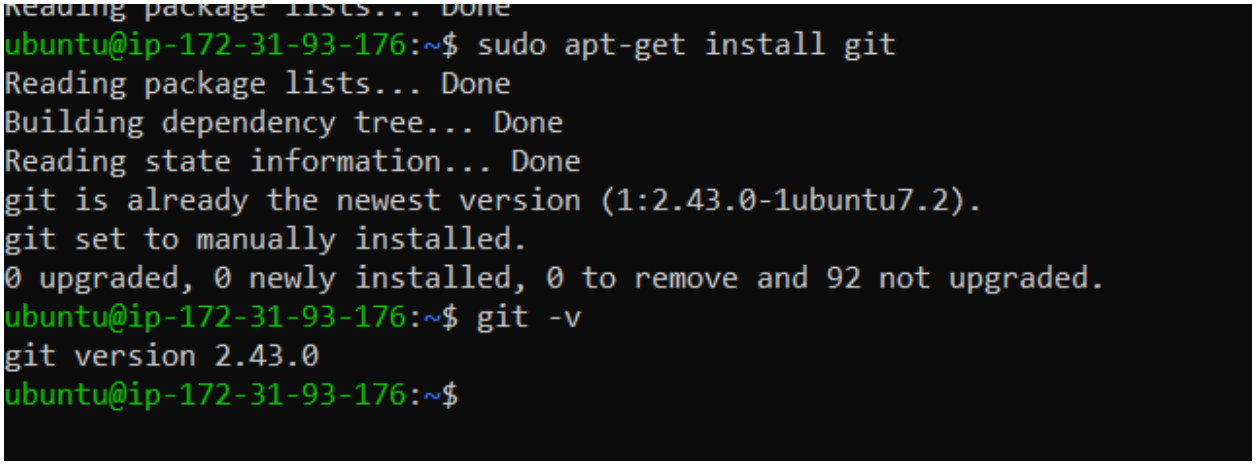


Update packages:




Select ubuntu@ip-172-31-93-176: ~
applicable law.
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
ubuntu@ip-172-31-93-176:~$ sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [618 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [853 kB]
Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [193 kB]
Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [150 kB]
Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1012 kB]
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [253 kB]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [362 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [19.9 kB]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [635 kB]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [123 kB]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [16.3 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [3944 B]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [552 B]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 B]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [13.4 kB]
Get:31 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [11.4 kB]
Get:32 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [17.6 kB]
Get:33 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1104 B]
Get:34 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:35 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:36 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:37 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:38 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [118 kB]
Get:39 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [8996 B]
Get:40 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [803 kB]
Get:41 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [171 kB]
Get:42 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.0 kB]
Get:43 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [13.5 kB]
ENG
IN
21:02
09-02-2025

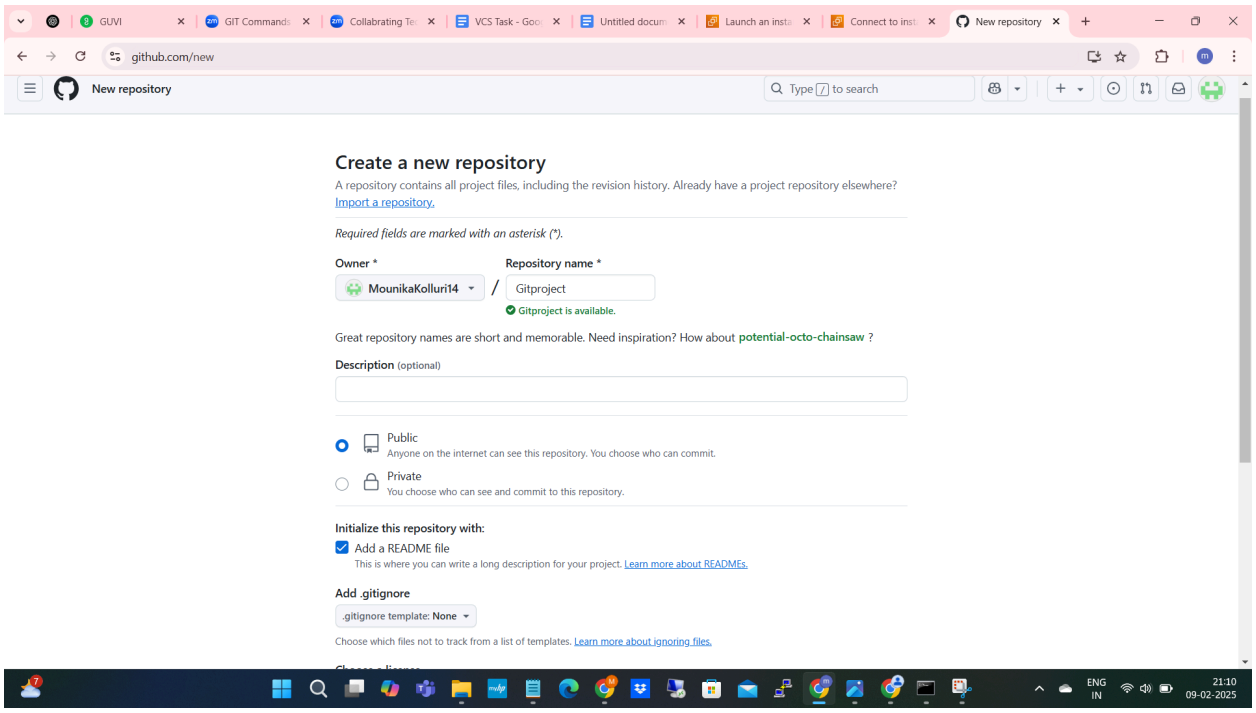
Install git

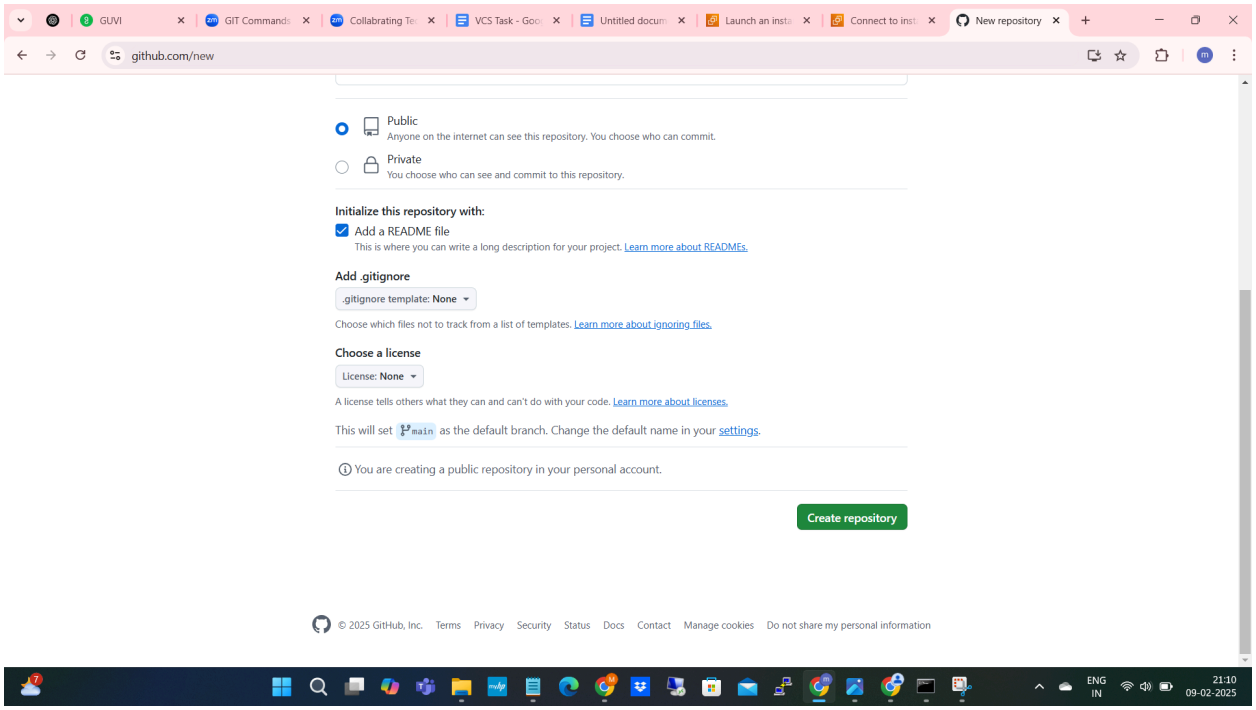

Reading package lists... Done
ubuntu@ip-172-31-93-176:~$ sudo apt-get install git
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.43.0-1ubuntu7.2).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 92 not upgraded.
ubuntu@ip-172-31-93-176:~$ git -v
git version 2.43.0
ubuntu@ip-172-31-93-176:~$

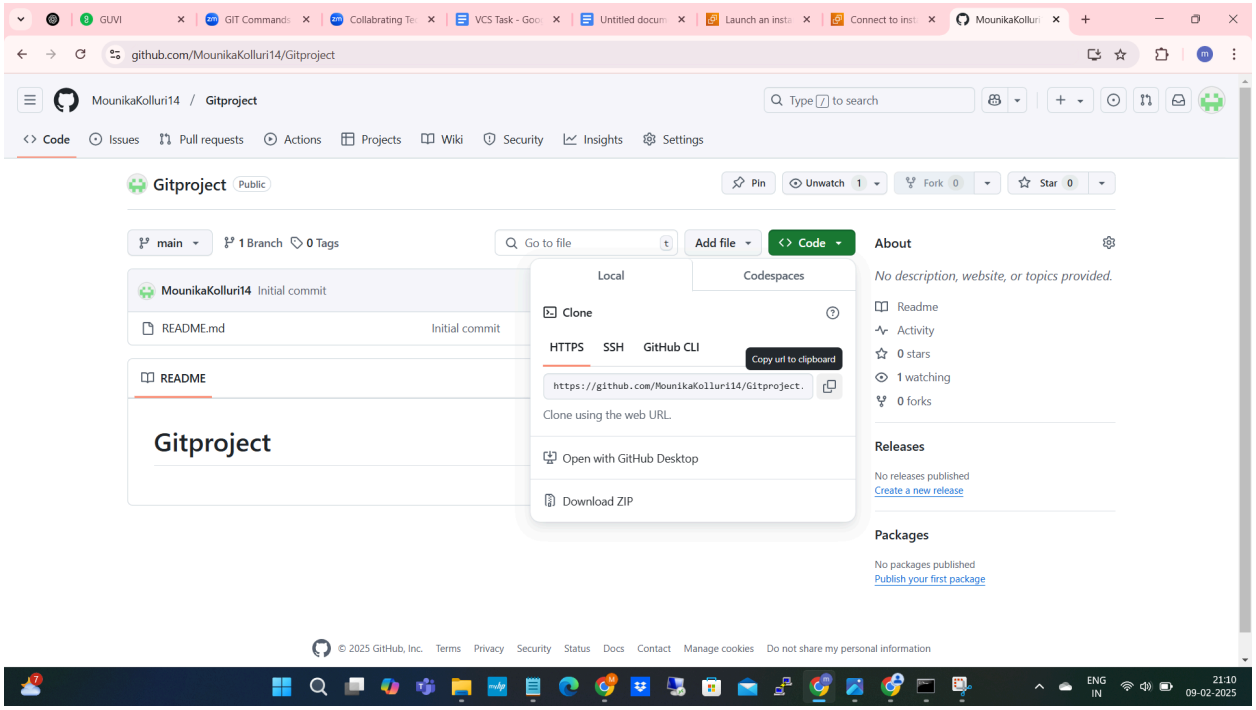
Creating Local directory TEST with file.txt and file1.txt

```
ubuntu@ip-172-31-93-176:~$ cd TEST
ubuntu@ip-172-31-93-176:~/TEST$ vi file.txt
ubuntu@ip-172-31-93-176:~/TEST$ vi file1.txt
ubuntu@ip-172-31-93-176:~/TEST$  [New] 1L, 14B written
ubuntu@ip-172-31-93-176:~/TEST$ ls
file.txt  file1.txt
ubuntu@ip-172-31-93-176:~/TEST$ cat file.txt
this is a text file
ubuntu@ip-172-31-93-176:~/TEST$ cat file1.txt
this is file1
ubuntu@ip-172-31-93-176:~/TEST$
```

Creating New repository in Git




github.com/new
Public
Anyone on the internet can see this repository. You choose who can commit.
Private
You choose who can see and commit to this repository.
Initialize this repository with:
Add a README file
This is where you can write a long description for your project. Learn more about READMEs.
Add .gitignore
.gitignore template: None
Choose which files not to track from a list of templates. Learn more about ignoring files.
Choose a license
License: None
A license tells others what they can and can't do with your code. Learn more about licenses.
This will set main as the default branch. Change the default name in your settings.
You are creating a public repository in your personal account.
Create repository
© 2025 GitHub, Inc. Terms Privacy Security Status Docs Contact Manage cookies Do not share my personal information


github.com/MounikaKolluri14/Gitproject
MounikaKolluri14 / Gitproject
Code Issues Pull requests Actions Projects Wiki Security Insights Settings
Gitproject Public
Pin Unwatch 1 Fork 0 Star 0
main 1 Branch 0 Tags
Go to file
Add file
Code
MounikaKolluri14 Initial commit
README.md Initial commit
README
Gitproject
Local
Codespaces
Clone
HTTPS SSH GitHub CLI
Copy url to clipboard
https://github.com/MounikaKolluri14/Gitproject.
Clone using the web URL.
Open with GitHub Desktop
Download ZIP
About
No description, website, or topics provided.
Readme
Activity
0 stars
1 watching
0 forks
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package
© 2025 GitHub, Inc. Terms Privacy Security Status Docs Contact Manage cookies Do not share my personal information

Connect git to the Local (Ec2) and moved TEST folder to Gitproject

```
ubuntu@ip-172-31-93-176:~$ git clone https://github.com/MounikaKolluri14/Gitproject.git
Cloning into 'Gitproject'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
ubuntu@ip-172-31-93-176:~$ ls
Gitproject  TEST
ubuntu@ip-172-31-93-176:~$ mv TEST Gitproject
ubuntu@ip-172-31-93-176:~$ ls
Gitproject
```

Checking git status

```
ubuntu@ip-172-31-93-176:~$ cd Gitproject
ubuntu@ip-172-31-93-176:~/Gitproject$ ls
README.md  TEST
ubuntu@ip-172-31-93-176:~/Gitproject$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        TEST/

nothing added to commit but untracked files present (use "git add" to track)
ubuntu@ip-172-31-93-176:~/Gitproject$
```

Add changes: git add .

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git add .
ubuntu@ip-172-31-93-176:~/Gitproject$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   TEST/file.txt
        new file:   TEST/file1.txt

ubuntu@ip-172-31-93-176:~/Gitproject$
```

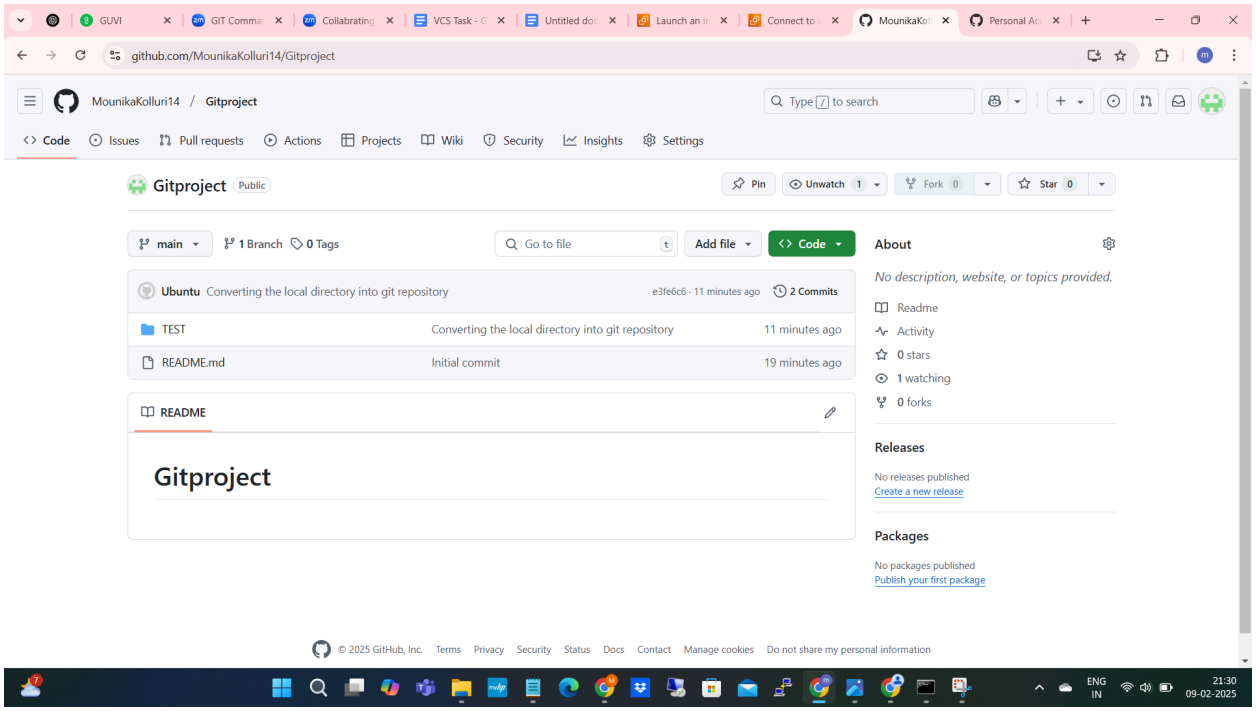
Committing the changes: git commit -m “Converting the local directory into git repository”

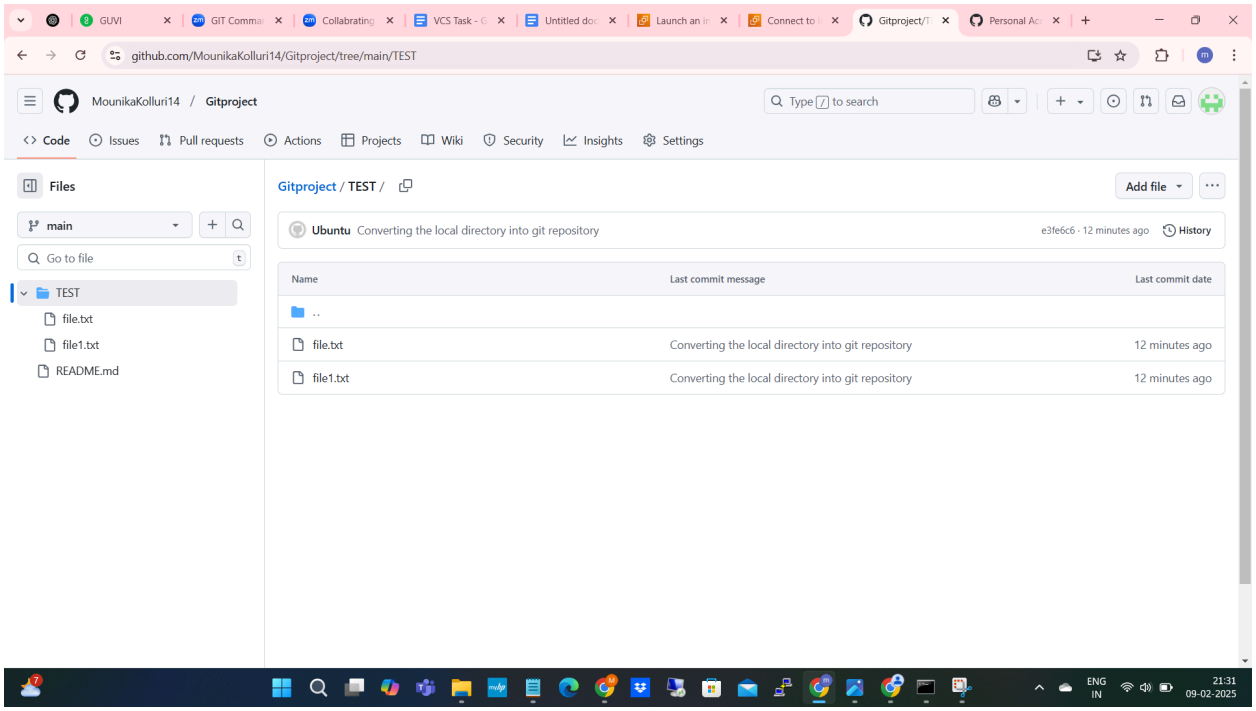
```
ubuntu@ip-172-31-93-176:~/Gitproject$ git commit -m "Converting the local directory into git repository"
[main e3fe6c6] Converting the local directory into git repository
 Committer: Ubuntu <ubuntu@ip-172-31-93-176.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 2 files changed, 2 insertions(+)
 create mode 100644 TEST/file.txt
 create mode 100644 TEST/file1.txt
ubuntu@ip-172-31-93-176:~/Gitproject$
```

Push the directory into git:

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git push origin main
Username for 'https://github.com': MounikaKolluri14
Password for 'https://MounikaKolluri14@github.com':
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (5/5), 423 bytes | 423.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/MounikaKolluri14/Gitproject.git
   ba2dd21..e3fe6c6  main -> main
ubuntu@ip-172-31-93-176:~/Gitproject$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
ubuntu@ip-172-31-93-176:~/Gitproject$
```

Test Folder added to the Git:





Creating new branch “feature-branch” and switch to it

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch feature-branch
ubuntu@ip-172-31-93-176:~/Gitproject$ git checkout feature-branch
Switched to branch 'feature-branch'
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch
* feature-branch
  main
ubuntu@ip-172-31-93-176:~/Gitproject$
```

Created a file in feature-branch and created test1.txt file

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch feature-branch
ubuntu@ip-172-31-93-176:~/Gitproject$ git checkout feature-branch
Switched to branch 'feature-branch'
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch
* feature-branch
  main
ubuntu@ip-172-31-93-176:~/Gitproject$ touch test1.txt
ubuntu@ip-172-31-93-176:~/Gitproject$ git status
On branch feature-branch
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        test1.txt

nothing added to commit but untracked files present (use "git add" to track)
ubuntu@ip-172-31-93-176:~/Gitproject$
```

Added and committed the change:

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git add .
ubuntu@ip-172-31-93-176:~/Gitproject$ git commit -m "Added file in feature-branch"
[feature-branch 0747b4d] Added file in feature-branch
 Committer: Ubuntu <ubuntu@ip-172-31-93-176.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test1.txt
ubuntu@ip-172-31-93-176:~/Gitproject$
```

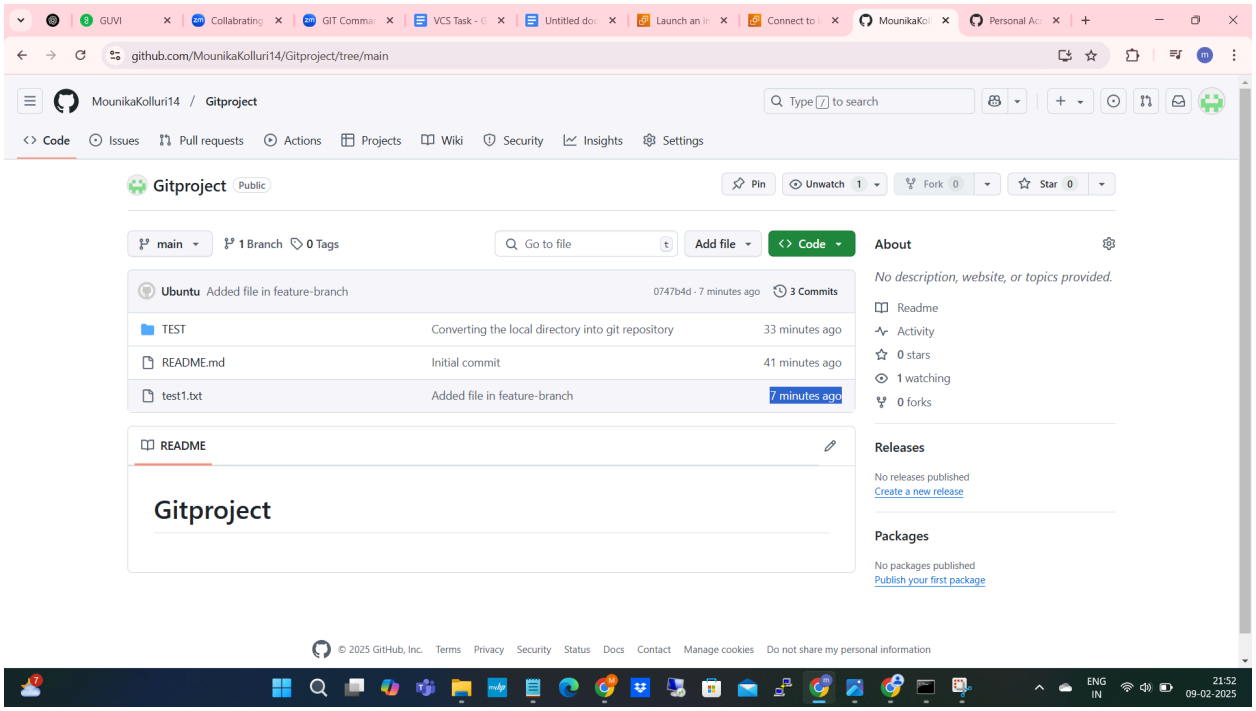
Merge:

Now switch to the main branch and merge the commit into main branch:

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch
  feature-branch
* main
ubuntu@ip-172-31-93-176:~/Gitproject$ git merge feature-branch
Updating e3fe6c6..0747b4d
Fast-forward
 test1.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test1.txt
ubuntu@ip-172-31-93-176:~/Gitproject$
```

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch
  feature-branch
* main
ubuntu@ip-172-31-93-176:~/Gitproject$ git merge feature-branch
Updating e3fe6c6..0747b4d
Fast-forward
 test1.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test1.txt
ubuntu@ip-172-31-93-176:~/Gitproject$ git push origin main
Username for 'https://github.com': MounikaKolluri14
Password for 'https://MounikaKolluri14@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 325 bytes | 325.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/MounikaKolluri14/Gitproject.git
   e3fe6c6..0747b4d  main -> main
ubuntu@ip-172-31-93-176:~/Gitproject$
```

Git repo updated by test file:



Git Stash:

In the Main branch created abc.txt and xyz.txt files

Then add files to the staging

Added to the stash

git add . —>git status→git stash

git status: there was no changes to be commit

```
   e3fe8c8..0747b4d  main -> main
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch
  feature-branch
* main
ubuntu@ip-172-31-93-176:~/Gitproject$ touch abc.txt
ubuntu@ip-172-31-93-176:~/Gitproject$ touch xyz.txt
ubuntu@ip-172-31-93-176:~/Gitproject$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        abc.txt
        xyz.txt

nothing added to commit but untracked files present (use "git add" to track)
ubuntu@ip-172-31-93-176:~/Gitproject$ git add .
ubuntu@ip-172-31-93-176:~/Gitproject$ git stash
Saved working directory and index state WIP on main: 0747b4d Added file in feature-branch
ubuntu@ip-172-31-93-176:~/Gitproject$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
ubuntu@ip-172-31-93-176:~/Gitproject$
```

By stash changes do not track by git and will listed into stash list

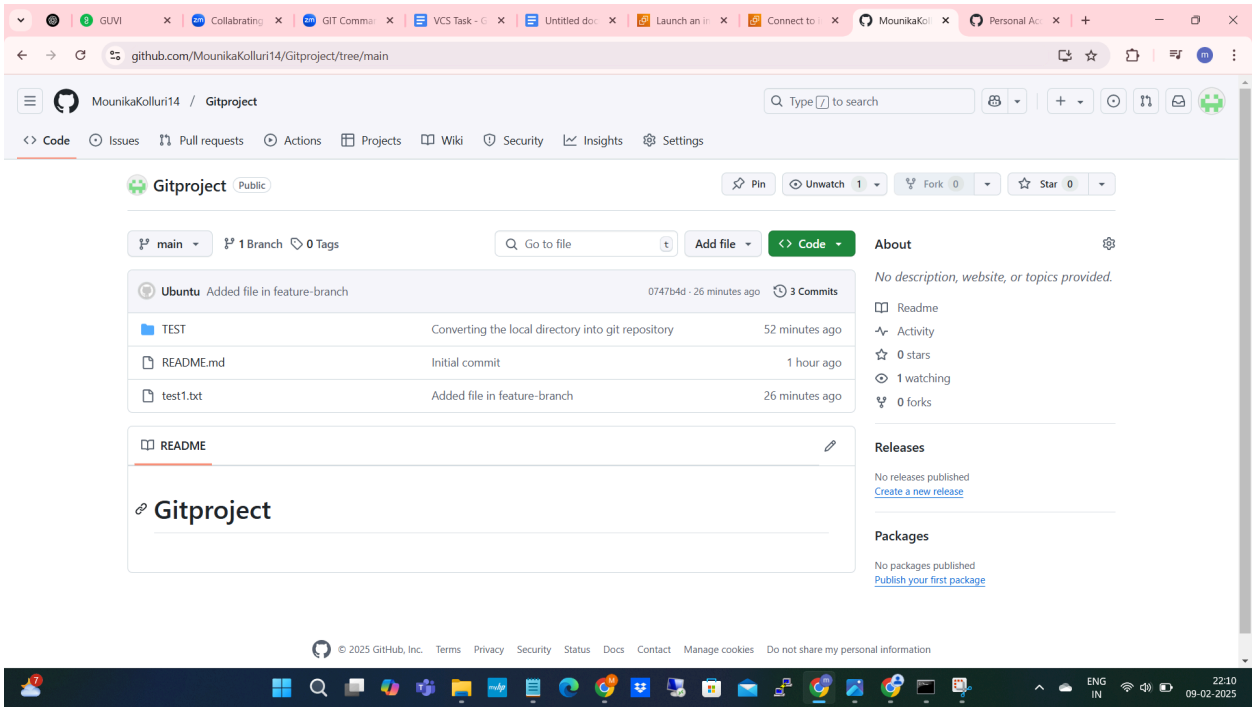
```
ubuntu@ip-172-31-93-176:~/Gitproject$ git stash list
stash@{0}: WIP on main: 0747b4d Added file in feature-branch
ubuntu@ip-172-31-93-176:~/Gitproject$
```

We can get back them into staging by the pop command: git stash pop

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch
  feature-branch
* main
ubuntu@ip-172-31-93-176:~/Gitproject$ git stash pop
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   abc.txt
        new file:   xyz.txt

Dropped refs/stash@{0} (dc00e82219901544c1436fc39a2f0169d8b66cff)
ubuntu@ip-172-31-93-176:~/Gitproject$
```

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git stash pop
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   abc.txt
        new file:   xyz.txt

Dropped refs/stash@{0} (dc00e82219901544c1436fc39a2f0169d8b66cff)
ubuntu@ip-172-31-93-176:~/Gitproject$ git commit -m "abc.txt and xyz.txt files into the main branch"
[main c7ca4d9] abc.txt and xyz.txt files into the main branch
 Committer: Ubuntu <ubuntu@ip-172-31-93-176.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 abc.txt
 create mode 100644 xyz.txt
```

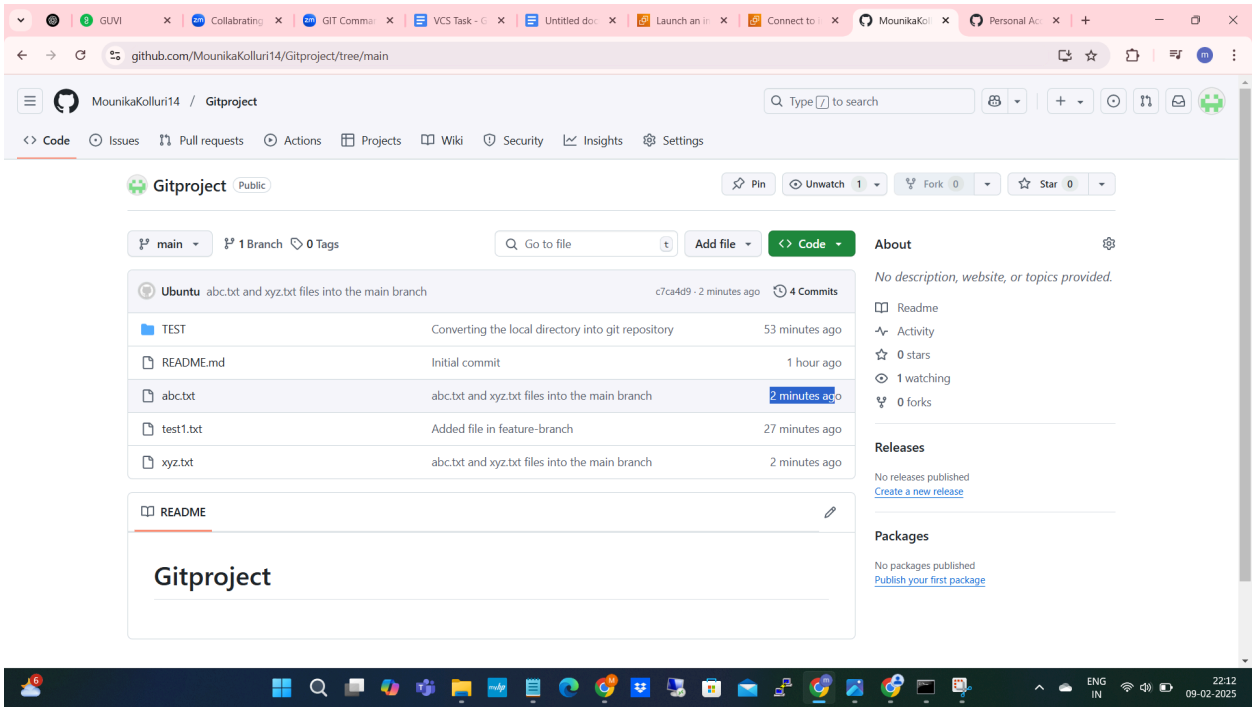
Here we don’t have abc,xyz files in the repository before push



Push the commits to repository

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git push origin main
Username for 'https://github.com': MounikaKolluri14
Password for 'https://MounikaKolluri14@github.com':
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 344 bytes | 344.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/MounikaKolluri14/Gitproject.git
   0747b4d..c7ca4d9  main -> main
ubuntu@ip-172-31-93-176:~/Gitproject$
```

Files Moved to the git Repository:



Git Rebase:

As above abc.txt and xyz files are not exist in the feature-branch

```
   0747b4d..c7ca4d9  main -> main
ubuntu@ip-172-31-93-176:~/Gitproject$ ls
README.md  TEST  abc.txt  test1.txt  xyz.txt
ubuntu@ip-172-31-93-176:~/Gitproject$ git checkout feature-branch
Switched to branch 'feature-branch'
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch
* feature-branch
  main
ubuntu@ip-172-31-93-176:~/Gitproject$ ls
README.md  TEST  test1.txt
ubuntu@ip-172-31-93-176:~/Gitproject$
```

We can get those files into feature-branch by rebase

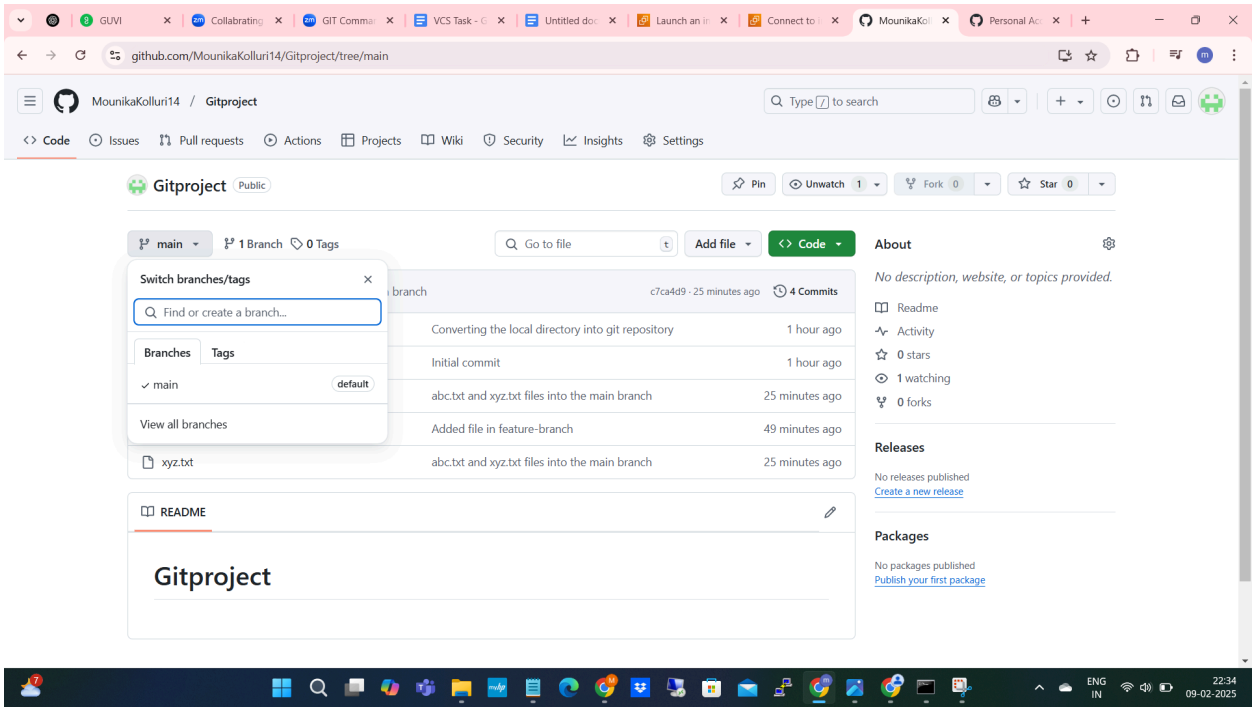
Git rebase command will fetch the latest changes into the feature-branch

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git branch
* feature-branch
  main
ubuntu@ip-172-31-93-176:~/Gitproject$ ls
README.md  TEST  test1.txt
ubuntu@ip-172-31-93-176:~/Gitproject$ git rebase main
Successfully rebased and updated refs/heads/feature-branch.
ubuntu@ip-172-31-93-176:~/Gitproject$ ls
README.md  TEST  abc.txt  test1.txt  xyz.txt
ubuntu@ip-172-31-93-176:~/Gitproject$
```

Now i am pushing the changes to the git repository into feature branch

```
ubuntu@ip-172-31-93-176:~/Gitproject$ git status
On branch feature-branch
nothing to commit, working tree clean
ubuntu@ip-172-31-93-176:~/Gitproject$ vi abc.txt
ubuntu@ip-172-31-93-176:~/Gitproject$ git status
On branch feature-branch
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   abc.txt

no changes added to commit (use "git add" and/or "git commit -a")
ubuntu@ip-172-31-93-176:~/Gitproject$ git add .
ubuntu@ip-172-31-93-176:~/Gitproject$ git commit -m "abc"
[feature-branch a8342a6] abc
 Committer: Ubuntu <ubuntu@ip-172-31-93-176.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

 1 file changed, 1 insertion(+)
```

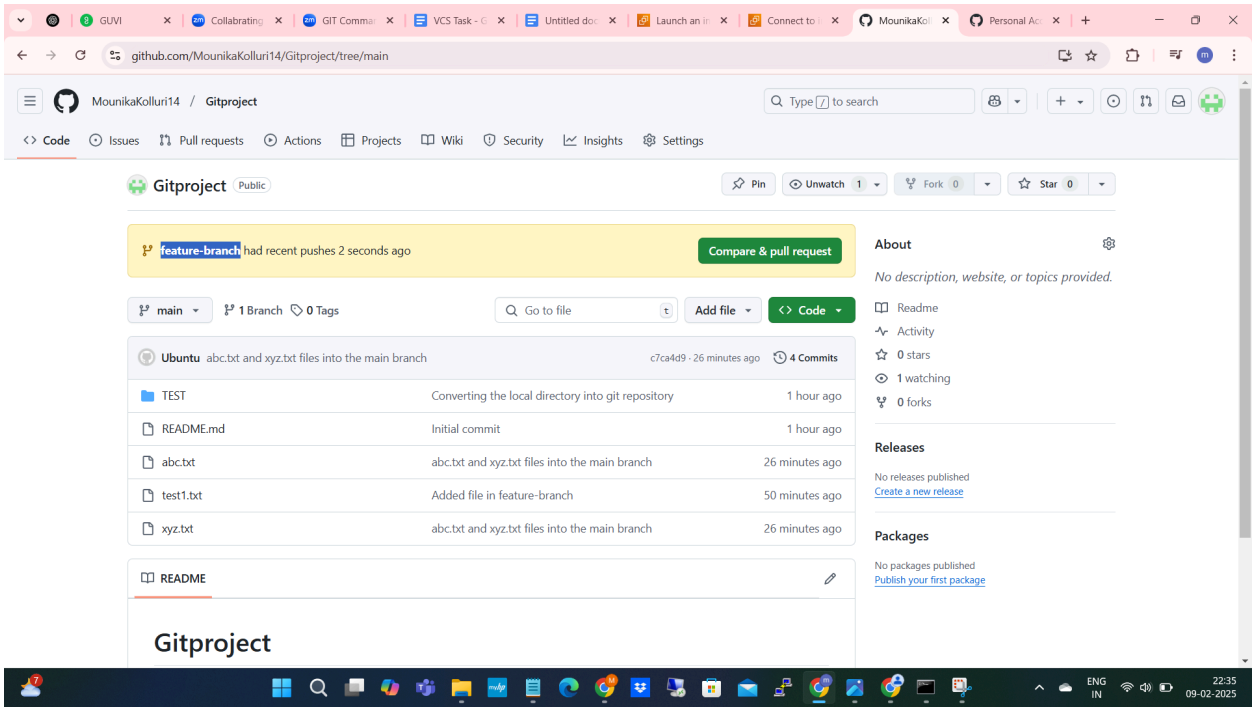
Here we only have main branch



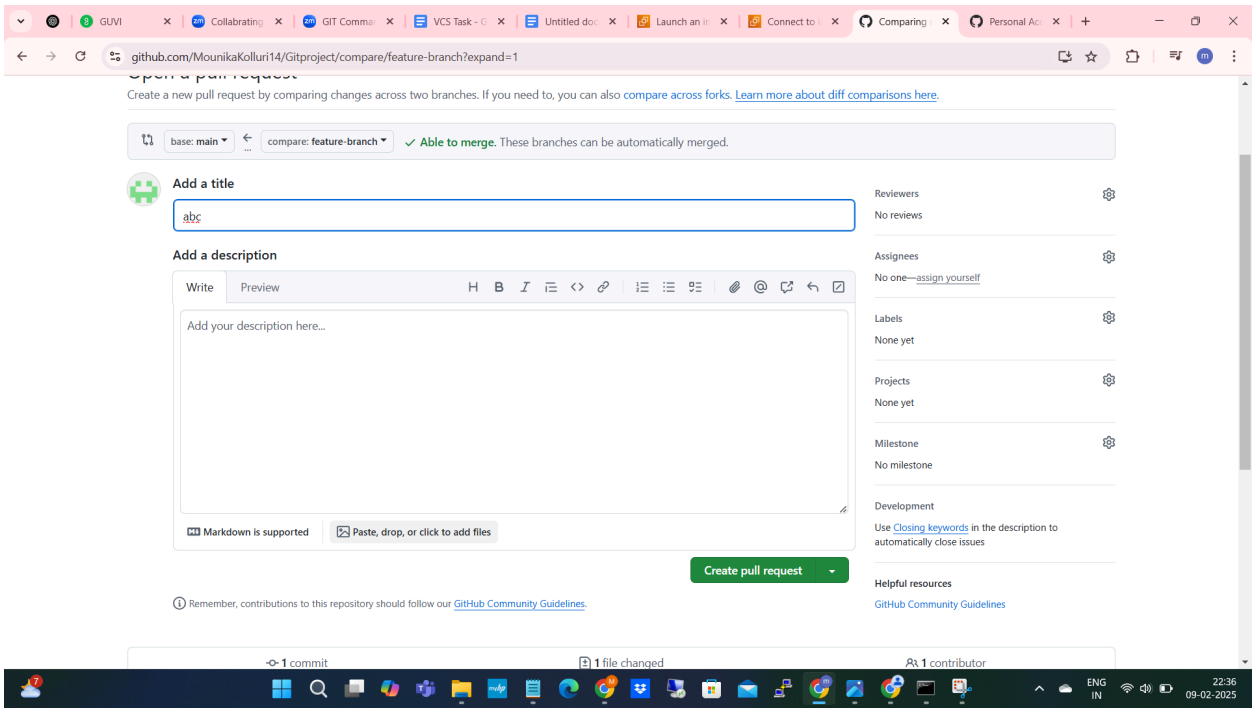
Now push the feature-branch changes:

```
 1 file changed, 1 insertion(+)
ubuntu@ip-172-31-93-176:~/Gitproject$ git pull feature-branch
fatal: 'feature-branch' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
ubuntu@ip-172-31-93-176:~/Gitproject$ git push origin feature-branch
Username for 'https://github.com': MounikaKolluri14
Password for 'https://MounikaKolluri14@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 269 bytes | 269.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'feature-branch' on GitHub by visiting:
remote:      https://github.com/MounikaKolluri14/Gitproject/pull/new/feature-branch
remote:
To https://github.com/MounikaKolluri14/Gitproject.git
 * [new branch]      feature-branch -> feature-branch
ubuntu@ip-172-31-93-176:~/Gitproject$
```

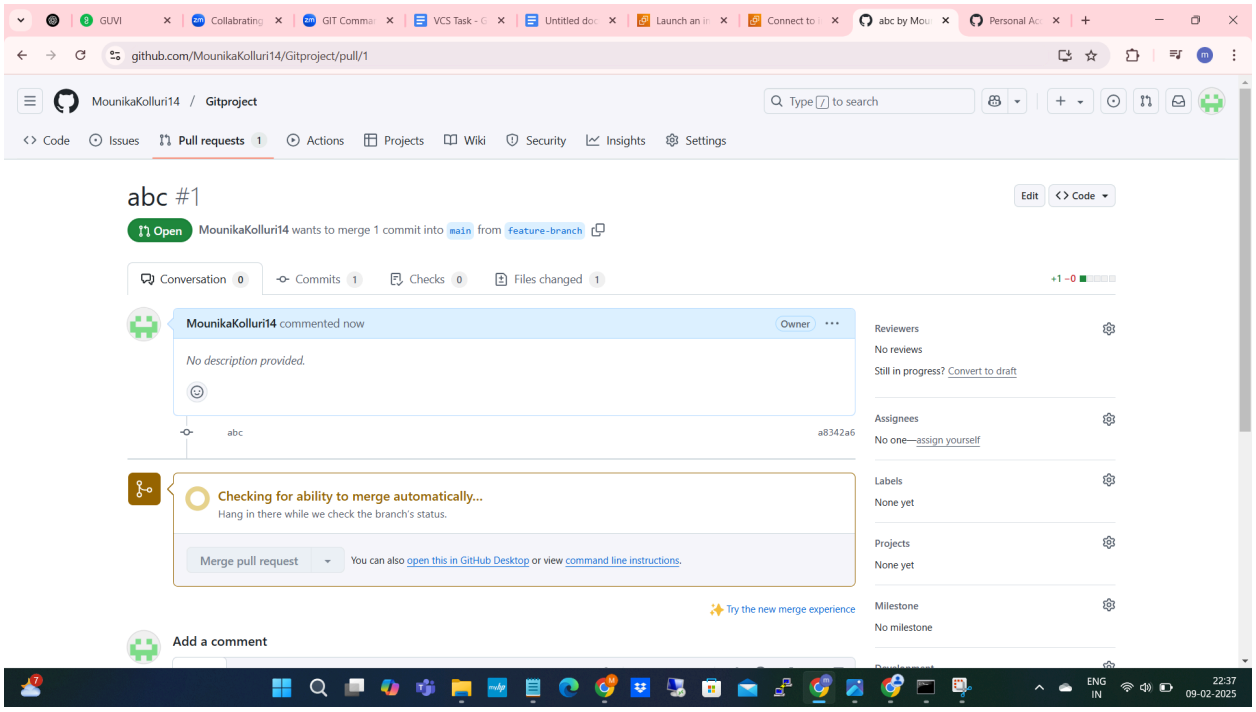
Here we can see the feature-branch pull request:



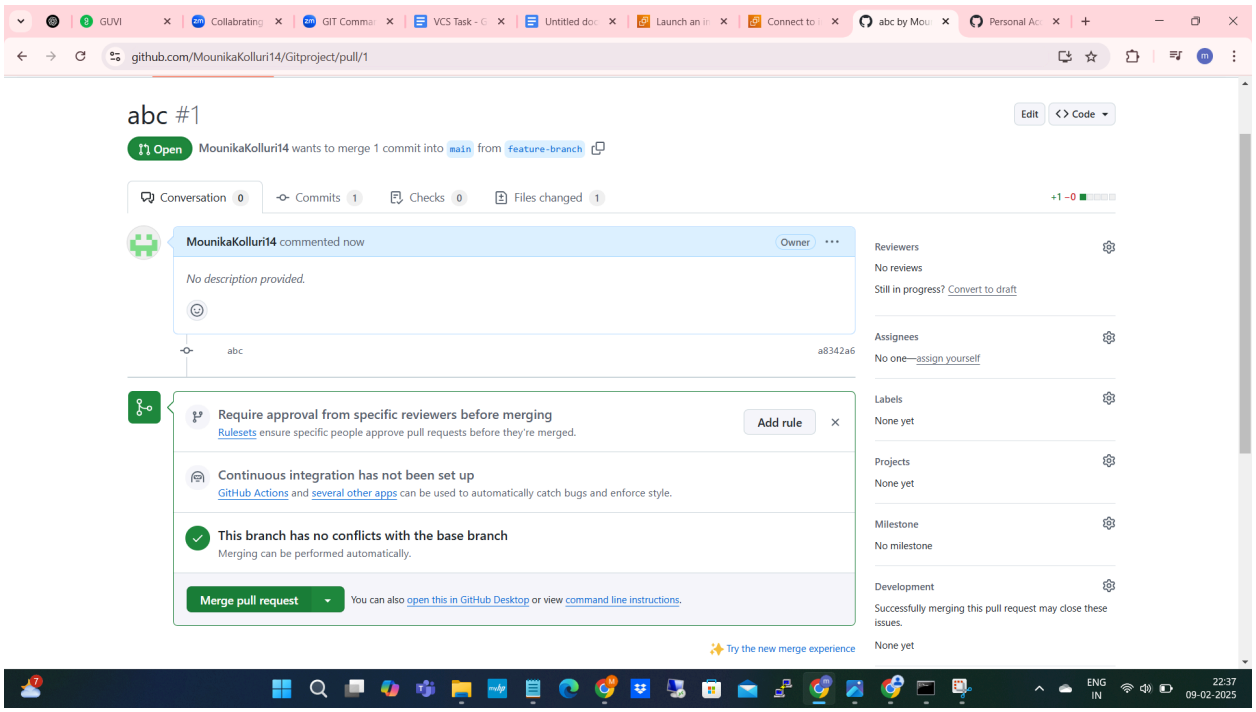
Click on compare & pull request



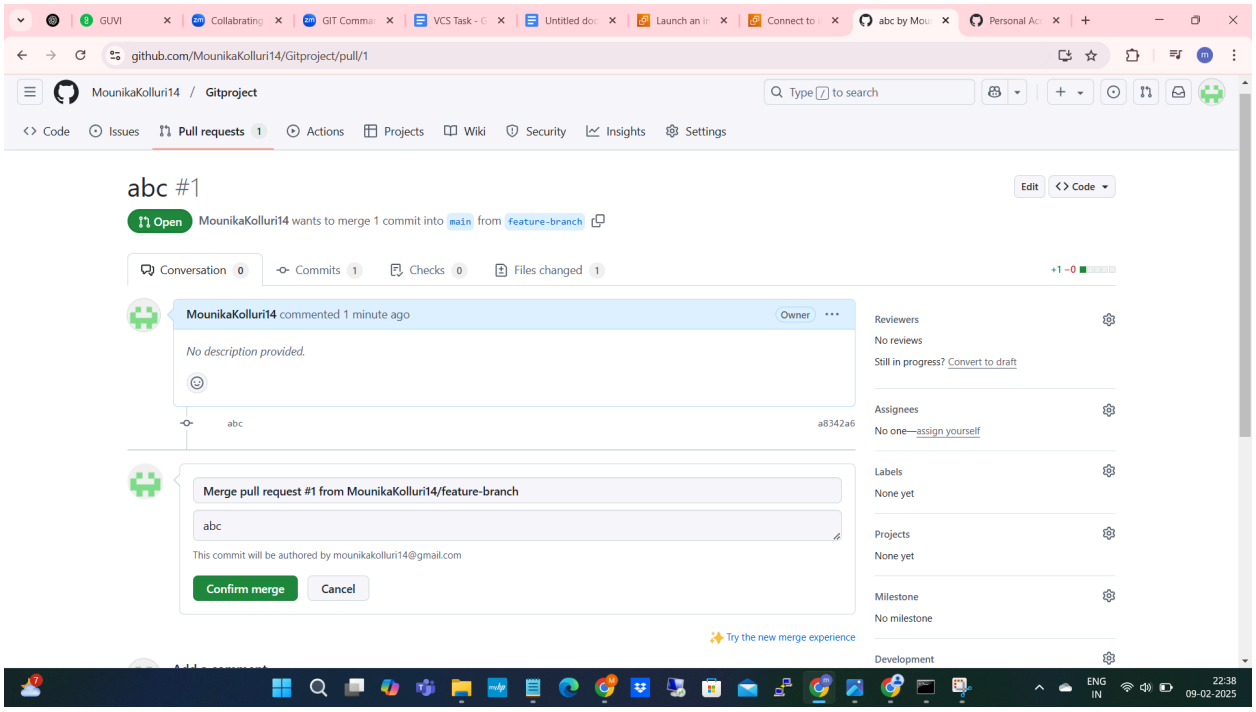
Click on create pull request:

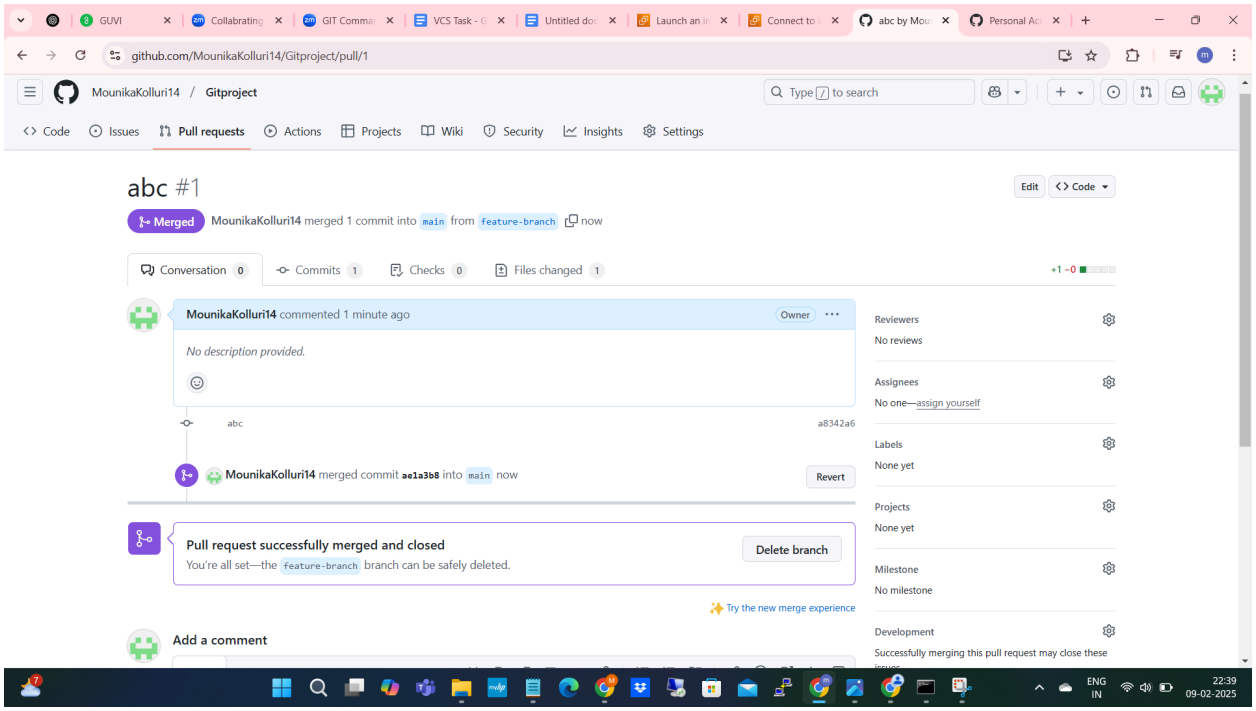


Click on Merge request :

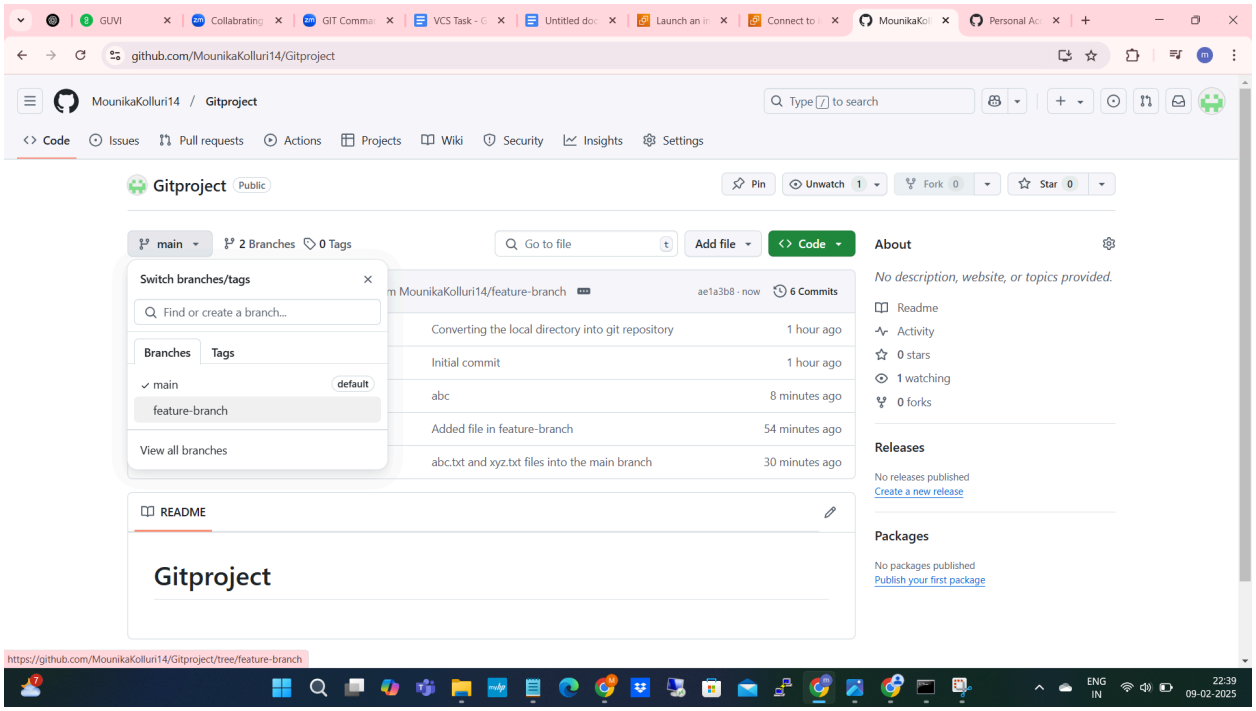


Click on Confirm merge:

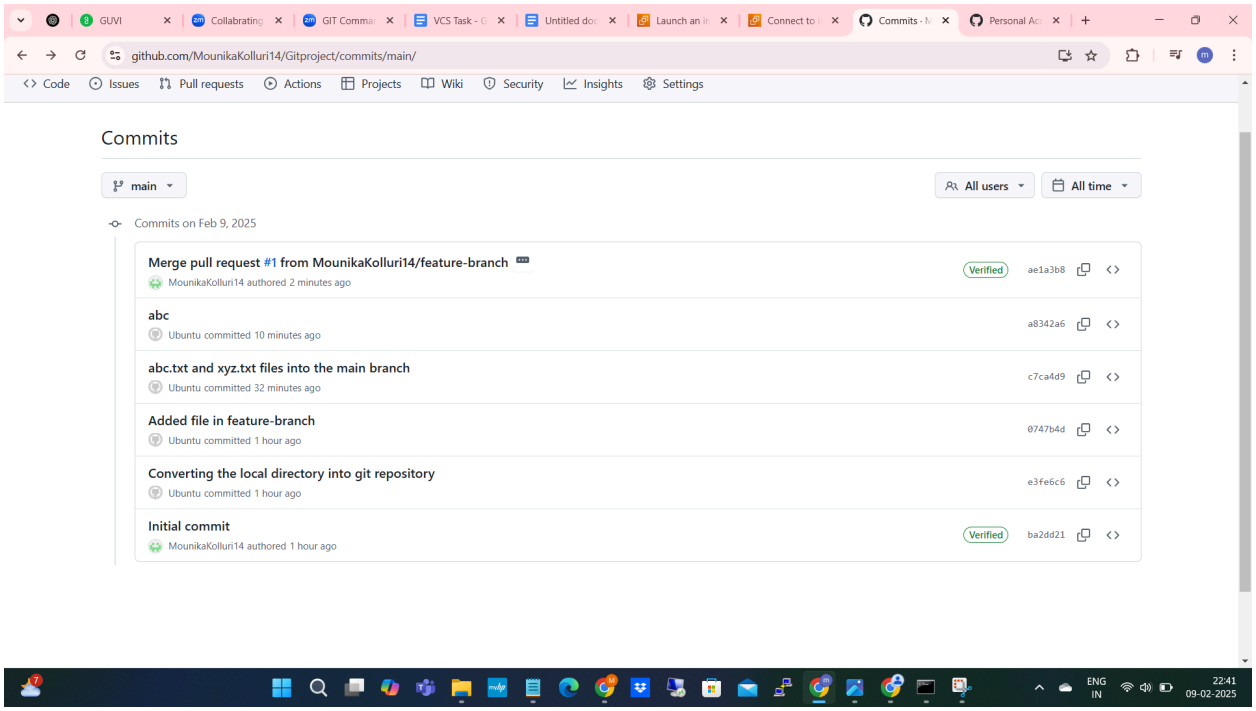




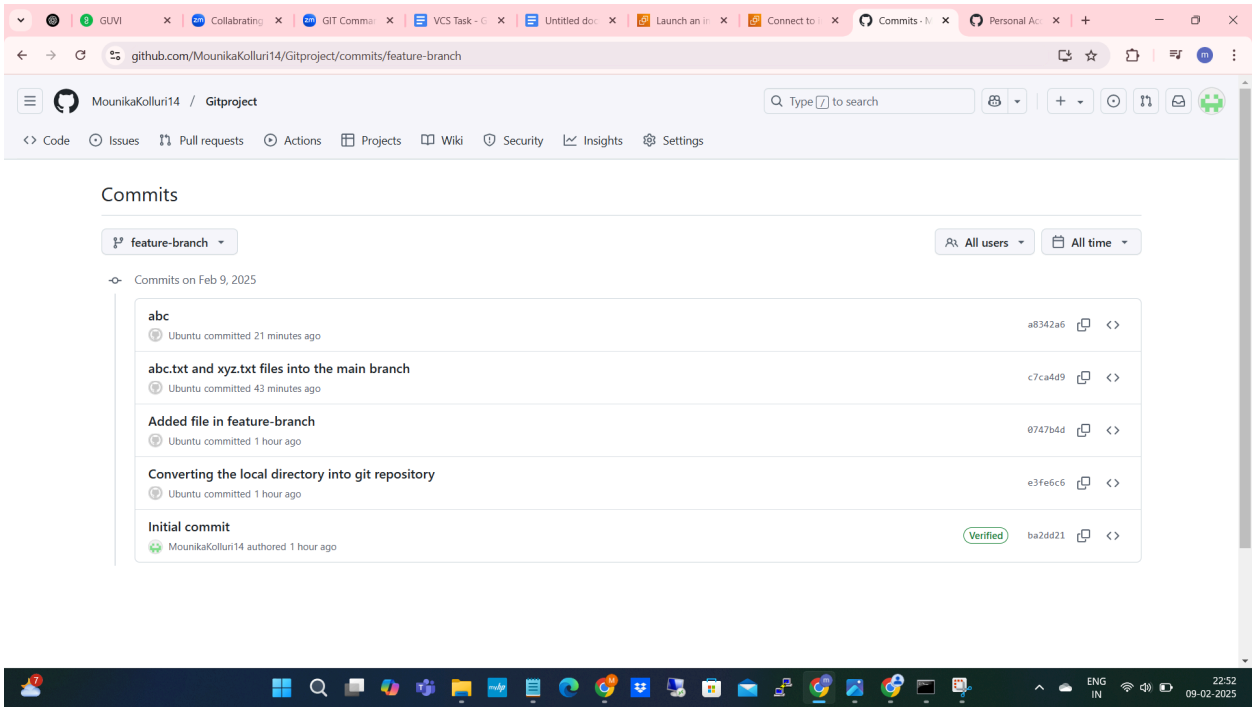
Now we can see feature-branch:



Main branch:



Feature-branch:



Both commits in sync